

Title (en)

Compressed gas device for spraying a single dose of fluid material in a finely divided form

Title (de)

Druckgasvorrichtung zum einmaligen Versprühen einer begrenzten Menge eines flüssigen Materials in fein verteilten Teilchen

Title (fr)

Dispositif à gaz comprimé pour projeter sous forme finement divisée une dose unique d'une substance fluide

Publication

**EP 0575239 B1 19961023 (FR)**

Application

**EP 93401526 A 19930615**

Priority

FR 9207250 A 19920616

Abstract (en)

[origin: EP0575239A1] Compressed-gas device for spraying a single dose of a fluid substance in a finely divided form, comprising: - a reservoir (1) containing the said single dose; - gas-compression means (4) with manual actuation, the said gas-compression means (4) comprising a gas reserve (5) which communicates with the reservoir (1) via an intermediate channel (6) comprising a section (7) of narrower cross-section, the said section of narrower cross-section being closed in a sealed manner by a plug seal (8) which is fitted into the said section of narrower cross-section, so that when the pressure of the gas contained in the gas reserve (5) reaches a predetermined threshold, the said plug seal (8) is expelled from the section (7) of narrower cross-section towards the reservoir (1) of the substance, freeing the said intermediate channel (6); the device comprising means (9) for limiting the movement of the plug seal (8, 13) towards the outlet orifice of the reservoir of the substance, thus defining an abutment position of the plug seal, characterised in that the said means (9) for limiting the movement of the plug seal have means for guaranteeing the passage of the compressed-gas flux when the plug seal is in its abutment position. <IMAGE>

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**B05B 11/06**; **A61M 11/02**

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CPC (source: EP US)

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Cited by

CN1106888C; FR2731684A1; FR2775963A1; US6398074B1; FR3007990A1; FR3007992A1; CN105407947A; CN105592878A; WO9946055A1; WO9629152A1; WO9742992A1; WO03080470A3; US9579672B2; US9724713B2; WO2015001274A1; WO2015001281A1; FR3121047A1; WO2022208014A1

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